

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below. The amendments to the claims do not add any new matter.

LISTING OF CLAIMS

1. (Currently amended) ~~In an ethanol production process wherein a sucrose or starch-containing feedstock is hydrolyzed under fermentation conditions by a fermentation agent to produce ethanol and whole stillage, the improvement to which comprises: An ethanol production process comprising:~~
 - a.) providing a dry sucrose or starch containing feedstock;
 - b.) hydrolyzing the dry sucrose or starch-containing feedstock under fermentation conditions by a fermentation agent to produce ethanol and whole stillage such that there is a simultaneous hydrolyzing and fermentation of the feedstock;
 - c.) adding a secondary treatment agent selected from the group consisting of bacteria, enzymes, fungi, or combinations thereof, during the hydrolyzing and fermentation of the feedstock, which secondary treatment agent having the following characteristics: active under the hydrolyzing and fermentation conditions, not denatured in the presence of the ethanol, does not interfere with the function of the hydrolyzing agent or with the production of ethanol by the fermentation agent, and converts at least some of the constituent comprising the whole stillage to a pre-selected by product.

2. (Previously presented) The process according to claim 1 wherein the fermentation conditions are a temperature between about 20°C and 40°C and a pH between about 4.0 and 6.5.
3. (Previously presented) The process according to claim 2 wherein the secondary treatment agent is the enzyme cyclodextrin glucosyl transferase and the pre-selected by-product is a cyclodextrin.
4. (Withdrawn) The improved process according to claim 2 wherein the secondary treatment agent is the fungi *Penicillium chrysogenum* and the pre-selected by-product is Penicillin G.
5. (Withdrawn) The improved process according to claim 2 wherein the secondary treatment agent is the bacteria *Lactobacillus cellobiosus*, *Lactobacillus plantarum*, *Acetobacter pasteurians*, *Bacillus pumilus* or *B. licheniformis* and the pre-selected by-product is acetic acid or lactic acid.